



PTO/SB/08A (08-03)

Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/766,134
		Filing Date	January 27, 2004
		First Named Inventor	Serbedzija, George N.
		Art Unit	1645
		Examiner Name	Not yet assigned
Sheet 1	of 2	Attorney Docket Number	018852-000610US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
VB	AA	US-2003/0149996	08/07/2003	Wengler	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
VB	AB	PCT	WO 98/58963		12/30/1998	Georg Wengler		<input type="checkbox"/>
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Examiner Signature	/Valarie Bertoglio/	Date Considered	09/06/2006
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VB	AC	HATTA, K. and TAKAHASHI, Y., "Secondary axis induction by heterospecific organizers in zebrafish," <i>Dev. Dynamics</i> , 205:183-195 (1996).	
VB	AD	HO, R. and KANE, D., "Cell-autonomous action of zebrafish <i>spt-1</i> mutation in specific mesodermal precursors," <i>Nature</i> , 348:20-27 (December 1990).	
VB	AE	SAKAI, D. K. <i>et al.</i> , "Blood type compatibility of lower vertebrates: phylogenetic diversity in blood transfusion between fish species," <i>Dev. and Comparative Immunol.</i> , 11:105-115 (1987).	
VB	AF	YANG, E. <i>et al.</i> , "Norcantharidin inhibits growth of human HepG2 cell-transplanted tumor in nude mice and prolongs host survival," <i>Cancer Lett.</i> , 117:93-98 (1997).	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **1** of **7****Complete if Known**

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VB	A1	US-4,220,858		09-02-1980	Ikeguchi et al.	
	A2	US-4,286,983		09-01-1981	Van Gilse et al.	
	A3	US-4,816,392		03-28-1989	Hokama	
	A4	US-4,964,615		10-23-1990	Mueller et al.	
	A5	US-5,326,692		07-05-1994	Brinkley et al.	
	A6	US-5,491,084		02-13-1996	Chalfie et al.	
	A7	US-5,506,208		04-09-1996	Eyal et al.	
	A8	US-5,510,099		04-23-1996	Short et al.	
	A9	US-5,565,187		10-15-1996	Zikria et al.	
	A10	US-5,573,909		11-12-1996	Singer et al.	
	A11	US-5,658,751		08-19-1997	Yue et al.	
	A12	US-5,672,470		09-30-1997	Hengstenberg et al.	
	A13	US-5,681,703		10-28-1997	Tomei	
	A14	US-5,744,499		04-28-1998	Quash et al.	
	A15	US-5,932,418		08-03-1999	Yager	
VB	A16	US-5,981,218		11-09-1999	Rio et al.	

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VB	B2	PCT	WO 96/03034		02-08-1996			<input type="checkbox"/>
VB	B3	PCT	WO 98/31787		07-23-1998			<input type="checkbox"/>

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60161608 v1

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VB	C1	Amsterdam et al., "Requirements for green fluorescent protein detection in transgenic zebrafish embryos", <u>Gene</u> , 173: 99-103 (1996).	
VB	C2	Armant et al., "Exposure of Embryonic Cells to Alcohol: Contrasting Effects During Preimplantation and Postimplantation Development", <u>Seminars in Perinatology</u> , 20(2): 127-139 (April 1996).	
VB	C3	Bakkers et al., "An important developmental role for oligosaccharides during early embryogenesis of cyprinid fish", <u>Pro. Natl. Acad. Sci. USA</u> , 94: 7982-7986 (July 1997).	
VB	C4	Baumann et al., "Bipartite Axiation Follows Incomplete Epiboly in Zebrafish Embryos Treated With Chemical Teratogens", <u>The Journal of Experimental Zoology</u> , 230: 363-376 (1984).	
VB	C5	Bechter et al., "Teratogenicity of arotinoids (retinoids): comparison of the whole embryo culture system with the in vivo mouse model and the limb bud cell culture assay", <u>Teratol.</u> 44: 29A, # P33 (1991).	
VB	C6	Becker et al., "Teratogenic Actions of Ethanol in the Mouse: A Minireview", <u>Pharmacol. Biochem. Behav.</u> , 55(4): 501-513 (1996).	
VB	C7	Birge et al., "Acetaminophen Hepatotoxicity: Correspondence of Selective Protein Arylation in Human and Mouse Liver <i>in Vitro</i> , in Culture, and <i>in Vivo</i> ", <u>Toxicol. Applied Pharmacol.</u> , 105: 472-482 (1990).	
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VB	C9	Bonn, "Blocking angiogenesis in diabetic retinopathy", <u>Lancet</u> , 348: 604 (1996).	
VB	C10	Breier et al., "Angiogenesis in Embryos and Ischemic Diseases", <u>Thromb. Haemost.</u> , 78(1): 678-683 (1997).	
VB	C11	Bresch., "Early Life-Stage Test in Zebrafish versus a Growth Test in Rainbow Trout to Evaluate Toxic Effects", <u>Bull. Environ. Contam. Toxicol.</u> , 46: 641-648 (1991).	
VB	C12	Buchmann et al., "Immunohistochemical Localization of the Cytochrome P450 Isozymes LMC2 and LM4B (P4501A1) in 2,3,7,8-Tetrachlorodibenzo-p-dioxin Treated Zebrafish ( <i>Brachydanio rerio</i> )", <u>Toxicol. Appl. Pharmacol.</u> , 123: 160-169 (1993).	
VB	C13	Chen et al., "Mutations affecting the cardiovascular system and other internal organs in zebrafish", <u>Development</u> , 123: 293-302 (1996).	
VB	C14	Chatot et al., "Successful Culture of Rat Embryos on Human Serum: Use in the Detection of Teratogens", <u>Science</u> , 207: 1471-1473 (1980).	
VB	C15	Chow et al., "The nuclear receptor transcription factor, retinoid-related orphan receptor, regulates retinal progenitor proliferation", <u>Mech. Dev.</u> , 77(2): 149-164 (1998).	
VB	C16	Cicurel et al., "Post-implantation embryo culture: validation with selected compounds for teratogenicity testing", <u>Xenobiotica</u> , 18(6): 617-624 (1988).	

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VB	C17	Clarke, "Developmental cell death: morphological diversity and multiple mechanisms", <u>Anat. Embryol.</u> , 181: 195-213 (1990).	
	C18	Colodi et al., "Induction of zebrafish ( <i>Brachydanio rerio</i> ) P450 <i>in vivo</i> and in cell culture", <u>Xenobiotica</u> , 24(6): 487-493 (1994).	
	C19	Couffignal et al., "Animal Model, Mouse Model of Angiogenesis", <u>Am. J. Pathol.</u> , 152(6): 1667-1679 (June 1998).	
	C20	Dawson, "Additive Incidence of Developmental Malformation for <i>Xenopus</i> Embryos Exposed to a Mixture of Ten Aliphatic Carboxylic Acids", <u>Teratology</u> , 44: 531-546 (1991).	
	C21	Debus et al., "Nematode Test to Estimate the Hazard Potential of Solved Contaminations", <u>Chemosphere</u> , 29(3): 611-621 (1994).	
	C22	Drake et al., "Exogenous vascular endothelial growth factor induces malformed and hyperfused vessels during embryonic neovascularization", <u>Proc. Natl. Acad. Sci. U.S.A.</u> , 92: 7657-7661 (August 1995).	
	C23	Driever et al., "Zebrafish: genetic tools for studying vertebrate development," <u>TIG</u> , 10(5):152-159 (1994).	
	C24	Dubois et al., "DNA adducts and P450 induction in human, rat and avian liver cells after exposure to polychlorobiphenyls", <u>Mutation Res.</u> , 345: 181-190 (1995).	
	C25	Dumont et al., "Vascularization of the Mouse Embryo: A Study of <i>flk-1</i> , <i>tek</i> , <i>tie</i> , and Vascular Endothelial Growth Factor Expression During Development", <u>Development Dynamics</u> , 203: 80-92 (1995).	
	C26	Eisses, "Teratogenicity and Toxicity of Ethylene Glycol Monomethyl Ether (2-Methoxyethanol) in <i>Drosophila melanogaster</i> : Involvement of Alcohol Dehydrogenase Activity", <u>Teratog. Carcinog. Mutagen.</u> , 9: 315-325 (1989).	
	C27	Ellies et al., "Specific craniofacial cartilage dysmorphogenesis coincides with a loss of <i>dx</i> gene expression in retinoic acid-treated zebrafish embryos", <u>Mechanisms of Development</u> , 61: 23-36 (1997).	
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	C29	Feucht et al., "VEGF Induces Cardiovascular Malformation and Embryonic Lethality", <u>Am. J. Pathology</u> , 151(5):1407-1416 (November 1997).	
VB	C30	Folkman, "Clinical Applications of Research on Angiogenesis", <u>N. Eng. J. Med.</u> , 333(26): 1757-1763 (December 28, 1995).	

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VB	C31	Fort et al., "Phase III Interlaboratory Study of Fetax, Part 2: Interlaboratory Validation of an Exogenous Metabolic Activation System for Frog Embryo Teratogenesis Assay-Xenopus (Fetax)", <u>Drug and Chem. Toxicol.</u> , 21(1): 1-14 (1998).	
	C32	Fouquet et al., "Vessel Patterning in the Embryo of the Zebrafish: Guidance by Notochord", <u>Developmental Biology</u> , 183: 37-48 (1997).	
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	C34	Gavrieli et al., "Identification of Programmed Cell Death In Situ via Specific Labeling of Nuclear DNA Fragmentation", <u>J. Cell Biol.</u> , 119(3): 493-501 (November 1992).	
	C35	Granato et al., "Fishing for genes controlling development", <u>Cur. Op. Gen. Dev.</u> , 6: 461-468 (1996).	
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	C38	Hanahan, "Signaling Vascular Morphogenesis and Maintenance", <u>Science</u> , 277: 48-50 (July 4, 1997).	
	C39	Heller et al., "Discovery and analysis of inflammatory disease-related genes using cDNA microarrays", <u>Proc. Natl. Acad. Sci. USA</u> , 94: 2150-2155 (March 1997).	
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	C41	Hettis, "To Die or Not to Die: An Overview of Apoptosis and its Role in Disease", <u>JAMA</u> , 279(4): 300-307 (January 28, 1998).	
	C42	Hitchcock et al., "Investigations into Using the Nematode <i>Caenorhabditis elegans</i> for Municipal and Industrial Wastewater Toxicity Testing", <u>Arch. Environ. Contam. Toxicol.</u> , 33: 252-260 (1997).	
	C43	Hunt et al., "A distinct Hox code for the branchial region of the vertebrate head", <u>Nature</u> , 353: 861-864 (October 31, 1991).	
	C44	Iida et al., "Suppression of arachidonic acid cascade-mediated apoptosis in aflatoxin B1-induced rat hepatoma cells by glucocorticoids", <u>Carcinogenesis</u> , 19(7): 1191-1202 (1998).	
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	C48	Kerr et al., "Apoptosis: A Basic Biological Phenomenon With Wide-Ranging Implications in Tissue Kinetics", <u>Br. J. Cancer</u> , 26: 239-257 (1972).		
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	C50	Knight, "Adverse Drug Reactions in Neonates", <u>J. Clin. Pharmacol.</u> , 34: 128-135 (1994).		
	C51	Law et al., "Hepatotoxicity of the drinking water disinfection by-product, dichloroacetic acid, in the medaka small fish model", <u>Toxicol. Letters</u> , 94: 19-27 (1998).		
	C52	Liao et al., "The zebrafish gene <i>cloche</i> acts upstream of a <i>flk-1</i> homologue to regulate endothelial cell differentiation", <u>Development</u> , 124: 381-389 (1997).		
	C53	Liepins et al., "Cell Injury and Apoptosis", <u>Scanning Microscopy</u> , 8(3): 631-643 (1994).		
	C54	Long et al., "GATA-1 expression pattern can be recapitulated in living transgenic zebrafish using GFP reporter gene", <u>Development</u> , 124: 4105-4111 (1997).		
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	C56	Marret et al., "Caffeine-Induced disturbances of early neurogenesis in whole mouse embryo cultures", <u>Brain Research</u> , 773: 213-216 (1997).		
	C57	McDanell et al., "Effect of Dietary Fat on the <i>In Vitro</i> Hepatotoxicity of Paracetamol", <u>Biochemical Pharmacology</u> , 44(7): 1303-1306 (1992).		
	C58	Mizell et al., "The aquatic vertebrate embryo as a sentinel for toxins: zebrafish embryo dechorionation and perivitelline space microinjection", <u>Int. J. Dev. Biol.</u> , 41: 411-423 (1997).		
	C59	Monteith et al., "Comparison of Tacrine-Induced Cytotoxicity in Primary Cultures of Rat, Mouse, Monkey, Dog, Rabbit, and Human Hepatocytes", <u>Drug and Chem. Toxicol.</u> , 19(1&2): 59-70 (1996).		
	C60	Muller et al., "Effect of Concentration on the Cytotoxic Mechanism of Doxorubicin-Apoptosis and Oxidative DNA Damage", <u>Biochem. Biophys. Res. Comm.</u> , 230(2): 254-257 (1997).		
	C61	Mundle et al., "Two <i>in Situ</i> Labeling Techniques Reveal Different Patterns of DNA Fragmentation during Spontaneous Apoptosis <i>In Vivo</i> and Induced Apoptosis <i>In Vitro</i> ", <u>Anticancer Res.</u> , 15: 1895-1904 (1995).		
VB	C62	O'Reilly et al., "Endostatin: An Endogenous Inhibitor of Angiogenesis and Tumor Growth", <u>Cell</u> , 88: 277-285 (January 24, 1997).		
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	C64	Relou et al., "Effect of culture conditions on endothelial cell growth and responsiveness", <u>Tissue &amp; Cell</u> , 30(5): 525-530 (1998).		
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	C66	Roebuck et al., "A Review of the Neuroanatomical Findings in Children with Fetal Alcohol Syndrome or Prenatal Exposure to Alcohol", <u>Alcoholism: Clin. Exper. Res.</u> , 22(2): 339-344 (April 1998).		
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	C75	Singer, "Sensitive Fluorescent Stains for Detecting Nucleic Acids in Gels and Solutions", <u>Biotechnol. Intl.</u> , 1: 267-276 (1997).		
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/766,134
		Filing Date	01-27-2004
		First Named Inventor	Serbedzija, George N.
		Art Unit	1645
		Examiner Name	Not yet assigned
		Attorney Docket Number	018852-000610US
Sheet	7	of	7

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
VB	C79	Stringer et al., "Rapid Measurement of Toxicity Using Electrochromic Dyes and Frog Embryos", <u>Bull. Environ. Contam. Toxicol.</u> , 51: 557-563 (1993).	
	C80	Thompson, C.B., "Apoptosis in the Pathogenesis and Treatment of Disease", <u>Science</u> , 267: 1456-1462 (March 10, 1995).	
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	C86	Westerfield, <u>The Zebrafish Book: A Guide for the Laboratory Use of Zebrafish (<i>Danio rerio</i>)</u> , 3d edition, (1993).	
	C87	Wylie, Zebrafish Issue, Title page and Table of Contents, <i>i-ii</i> , <u>Development</u> , 123: 1-481 (1996).	
	C88	Wolff et al., "Dexamethasone Increases Hepatotoxicity of MTX in Children with Brain Tumors," <u>Anticancer Res.</u> , 18: 2895-2900 (1998).	
VB	C89	Zetter, "Angiogenesis and Tumor Metastasis", <u>Annual Rev. Med.</u> , 49: 407-424 (1998).	

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